Form PTO-1449  U.S. Department of Commerce Patent and Trademark Office  SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 97,022-D1-CO	Serial No. 10/685,737
MAY 1 9 2004	Applicant: Rubin, et al.	
TRADEMACH	Filing Date: October 15, 2003	Group: 1647 1631 (18)

Examiner Initials		Document Number	Date	Name	Class	Subclass :	Filing Date if Appropriate
(B)	1	6,727,071	4-27-04	Dunlay, et al.	33/53	435/7.21	2-27-98
	2	6,620,591	7-16-03	Dunlay, et al.	.33/533	435/7.2	4-16-99
	3	6,416,959	7-9-02	Giuliano, et al.	33/533	435/7.2	2-25-00
	4	5,989,835	11-23-99	Dunlay, et al.	33/533	435/7.2	2-27-97
	5	6,573,039	6-3-03	Dunlay, et al.	33/53	435/4	8-29-00
	6	6,671,624	12-30-03	Dunlay, et al.	33/48	702/19	11-27-00

-		FOREIC	GN PATENT DOCUMENTS			
	Document Number	Date	Country	Class	Subclass	Translation Yes No
					:	
Examiner	a. 824	- Phr	Date Considered	4/28	196	

Form PTO-1449 INFORM	U.S. Department of Commerce Patent and Trademark Office MATION DISCLOSURE MENT BY APPLICANT	Atty. Docket No. 97,022-D1-CO	Serial No. 10/685,737
MAY 1 9 2004		Applicant: Rubin, et al.	
P TO COMPETE		Filing Date: October 15, 2003	Group: 164/ 1631

U. S	. PATI	ENT DO	CUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
081	1	5,670,113	9-23-97	Akong, et al.			12-13-92
	2	5,732,150	3-24-98	Zhou, et al.		:	9-19-95
	3	5,790,710	8-4-98	Price, et al.		:	1-17-97
	4	5,885,840	3-23-99	Kamentsky, et al.		:	2-10-97
	5	5,072,382	12-10-91	Kamentsky, et al.	-		10-2-89
	6	5,107,422	4-21-92	Kamentsky, et al.			9-14-90
	7	4,647,531	3-3-87	Kamentsky, et al.		:	2-6-84
	8	5,919,646	7-6-99	Okun, et al.			8-1-97
	9	5,891,646	4-6-99	Barak, et al.		:	6-5-97
	10	6,004,808	12-21-99	Negulescu, et al.		:	6-19-97

FOREIGN PATENT DOCUMENTS

		<del></del>	FUKEI	IGN PATENT DOCUMENTS			
		Document Number	Date	Country	Class	Subclass	Translation Yes No
190	11	WO 98/13353	4/2/98	PCT			Х
	12	WO 97/48820	12/24/97	PCT			X
	13	WO 97/20931	6/12/97	PCT		·	X
	14	WO 98/10287	3/12/98	PCT		:	X
	15	WO 98/38490	9/3/98	PCT		:	Х
	16	WO 00/70342	11/23/00	PCT			X
	17	WO 00/50872	8/31/00	PCT		:	X
	18	WO 00/17643	3/30/00	PCT		:	X
	19	WO 0/03246	1/20/00	PCT		1	X
	20	WO 00/26408	5/11/00	PCT			X
	21	WO 98/45704 -	10/15/98	PCT		<u> </u>	X
V	22	WO 97/45730	12/4/97	PCT			X
Examin	Examiner Date Considered 4/28/06						

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 97,022-D1-CO	Serial No. 10/685,737
		Applicant: Rubin, et al.	
		Filing Date: October 15, 2003	Group: 1641 /6 37 (#B)

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

B	23	Cosima T. Baldari, et al., (1998), Biologicals, 26(1): pp. 1-5.
	24	David Baldwin Jr., et al., (1980), Proc. Natl. Acad. Sci., 77(10): pp. 5975-5978.
	25	Andrew B. Tobin, et al., (1992), Mol. Pharmacol., 42: pp. 1042-1048.
	26	J. Baumgold, et al., (1989), Neuropharmacology, 28(11): pp. 1253-1261.
	27	Shigenobu Kanba, et al., (1990), Biochemical Pharmacology, 40(5): pp. 1005-1014.
	28	Steven S. Yu, et al., (1993), The Journal of Biological Chemistry, 268(1): pp. 337-341.
	29	Larry S. Barak, et al., (1994), The Journal of Biological Chemistry, 269(4): pp. 2790-2795.
	30	Kathleen M. Krueger, et al., (1997), The Journal of Biological Chemistry, 272(1): pp. 5-8.
	31	Galina S. Bogatkewitsch, et al., (1996), Molecular Pharmacology, 50: pp. 424-429.
	32	Mark von Zastrow, et al., (1994), The Journal of Biological Chemistry, 269(28): pp. 18448-18452.
	33	Thomas Koch, et al., (1998), The Journal of Biological Chemistry, 273(22): pp. 13652-13657.
	34	Mario Tiberi, et al., (1996), The Journal of Biological Chemistry, 271(7): pp. 3771-3778.
	35	Antia Seibold, et al., (1998), The Journal of Biological Chemistry, 273(13): pp. 7637-7642.
	36	Christopher J. Stefan, et al., (1998), Molecular Biology of the Cell, 9: pp. 885-899.
	37	Nadya I. Tarasova, et al., (1997), The Journal of Biological Chemistry, 272(23): pp. 14817-14824.
Exam	iner	Date Considered 4/28/06

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 97,022-D1-CO	Senal No. 10/685,737
		Applicant: Rubin, et al.	
		Filing Date: October 15, 2003	Group: 1644 /6 3 /A8

			:
B	38	Veronica Segredo, et al., (1997), Journal of Neurochemistry, 68: pp. 2395-2404.	
	39 .	Lorena Kallal, et al., (1998), The Journal of Biological Chemistry, 273(1): pp. 322-328.	:
	40	Guohong Zhang, et al., (1996), Biochemical and Biophysical Research Communications, 227: pp.	707-711.
	41	Xionghu Yang, et al., (1998), The Journal of Biological Chemistry, 273(17): pp. 10763-10770.	:
	42	Yong Peng, et al., (1998), The Journal of Biological Chemistry, 273(27): pp. 17286-17295.	
	43	Anthony K. Campbell, et al., (1983), Biochem.J., 216: pp. 185-194.	:
	44	Graciela Sala-Newby, et al., (1992), Federation of European Biochemical Societies, 307(2): pp. 24	1-244.
	45	Annette G. Beck-Sickinger, et al., (1996), Drug Discovery Today, 1(12): pp. 502-513.	·
	46	Carl-Henrik Heldin, et al., (1982), The Journal of Biological Chemistry, 257(8): pp. 4216-4221.	
	47	Rosana Kapeller, et al., (1993), Molecular and Cellular Biology, 13(10): pp. 6052-6063.	: :
	48	Raphael Zidovetzki, et al. (1981), Proc. Natl. Acad. Sci. USA, 78(11): pp. 6981-6985.	
	49	Laura Beguinot, et al., (1984), Proc. Natl. Acad. Sci. USA, 81: pp. 2384-2388.	:
	50	David R. Emlet, et al., (1997), The Journal of Biological Chemistry and Molecular Biology, 272(7)	рр. 4079-4086.
	51	Richard D. Klausner, et al., (1982), The Journal of Biological Chemistry, 258(8): pp. 4715-4724.	:
	52	Gianni M. Di Guglielmo, et al., (1998), Molecular and Cellular Biochemistry, 182: pp. 59-63.	

Examiner a. Ship	Date Considered 4/28/06
------------------	-------------------------

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 97,022-D1-CO	Senat No. 10/685,737
	Applicant: Rubin, et al.		
		Filing Date: October 15, 2003	Group: 1641 (631 (18)

OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc. J. Kolega, et al., (1993), Bioimaging, 1: pp. 136-150. 53 Jenkins, et al., (1990), Biochem. Soc. Trans., 18: pp. 463-464. 54 Ciechanover, et al., (1983), J. Cell. Biochem., 23(1-4): pp. 107-130. 55 Heim and Tsien, (1996), Current Biology, Vol. 6 pp. 178-182. 56 57 Giuliano, Kenneth A., et al., (1995), Current Opinion in Cell Biology, "Measurement and manipulation of cytoskeletal dynamics in living cells", 7:(1), pp. 4-12. Giuliano, Kenneth A., et al, (1995), Annual Review of Biophysics and Biomolecular Structure, "Fluorescent protein 58 biosensors: measurement of molecular dynamics in living cells" 24: pp. 405-434. Giuliano, Kenneth A., et al., (1998), Trends in Biotechnology, GB, Elsevier Publication, Cambridge, "Fluorescent-protein 59 biosensors: new tools for drug discovery", 16:(3), pp. 135-140. Conway, B.R., et al., (1999), Journal of Biomolecular Screening, "Quantification of G-protein coupled receptor 60 internalization using G-protein coupled receptor-green fluorescent protein conjugates with the ArrayScan high-content screening system", 4:(2), pp. 75-86. 61 Chen, et al., (1997), Biophysical Journal, "Changes in the Spectral Properties of a Plasma Membrane Lipid Analog During the First Seconds of Endocytosis in Living Cells", Vol. 72, pp. 37-50. 62 Tarasova, et al., (1997), The Journal of Biological Chemistry, "Visualization of G Protein-coupled Receptor Trafficking with the Aid of the Green Fluorescent Protein", Vol. 272 No. 23, pp. 14817-14824. 63 Oancea, et al., (1998), The Journal of Cell Biology, "Green Fluorescent Protein (GFP)-tagged Cysteine-rich Domains from Protein Kinase C as Fluorescent Indicators for Diacylglycerol Signaling in Living Cells", Vol. 140 No. 3, pp. 485-498. 64 Barak, et al., (1997), Molecular Pharmacology, "Internal Trafficking and Surface Mobility of a Functionally Intact  $\beta_2$ -Adrenergic Recrptor-Green Fluorescent Protein Conjugate", Vol. 51, pp. 177-184. 65 Benveniste, et al., (1989), The Journal of Cell Biology, "Characterization of Internalization and Endosome Formation of Epidermal Growth Factor in Transfected NIH-3T3 Cells by Computerized Image-intensified Three-dimensional Fluorescence Microscopy", Vol. 109, pp. 2105-2115. Date Considered 4/28/06 Examiner

Sheet 5 of 5

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 97,022-D1	Serial No. 09/352;171
	Applicant: Rubin, et al.		
		Filing Date: July 12, 1999	Group: 1631

[û	3	66	Dow, et al., (1996), Cytometry, "Automatic Multiparameter Fluorescence Imaging for Determining Lymphocyte Phenotype and Activation Status in Melanoma Tissue Sections", Vol. 25, pp. 71-81.	
		67	Giuliano, et al., (1997), Journal of Biomolecular Screening, "High-Content Screening: A New Approach to Easing Key Bottlenecks in the Drug Discovery Process", Vol. 2(4), pp. 249-259.	
		68	Grundloch, et al., (1973), medizinische Klinik, "The New Zeiss Axiomat Microscope for Biology and Medicine", Vol. 68 (33), pp. 4-5.	
		69	Ranefall, et al., (1997), Analytical Cellular Pathology, "A New Method for Segmentation of Colour Images Applied to Immunohistochemically Stained Cell Nuclei", Vol. 15, pp. 145-156.	
		70	Xu-Van, et al., (1994), Microscopy Research and Technique, "Automated Image Analyzing System for the Quantitative Study of Living Cells in Culture", Vol. 28, pp. 440-447.	
Examiner & Ships Date Considered 4/28/06				